CHECKLIST #0285 FOR THE APPROVAL OF:
WALL PANELS, SHEATHING, SIDING & SOFFIT
(WHEN MADE WITH OTHER THAN METAL)

❑ Basic Requirements Checklist.

❑ One set of the manufacturer's 'approval document' including:
  a) Details of all sections with dimensions and thickness,
  b) Assembly details including all connections,
  c) Fastener diagram with size and location corresponding with test & calculations, and
  d) A typical structure including details for framing around opening detailing water intrusion and entrapment prevention.

❑ Calculations for wind load per SFBC Chapter 23 including:
  a) Anchoring method of product to the structure,
  b) Method of framing around openings, and
  c) Provision for diaphragm action, otherwise racking test is required.

❑ One set of manufacturer's design drawings marked and verified by the testing laboratory.

The following current laboratory tests and test reports in compliance with protocol PA 301.

❑ Air infiltration test per PA202.

❑ Uniform static test per PA202. Results used to evaluate structural properties of the product.

❑ Water resistance test per PA202.

❑ Missile Impact test per PA201.

❑ Cyclic test per PA203. See note # 4.

Notes:
1. If the product has plastic as a component, add the plastic checklist to these requirements.
2. Testing shall be done in the same manner, as product will be installed in the field.
3. Panels & siding installed in front of CBS construction (ASTM C90) or 5/8" (5-ply) plywood supported by 2x studs or 2x6 – 18 Ga. metal studs, each at 16" o.c. are exempt from impact & positive pressure tests.
4. Siding & soffit will require cyclic test regardless of Impact test procedure.
5. One specimen of each model, a minimum of 3 shall be tested, and rated for the lowest pressure.
6. The following equation may be used to calculate the allowable cycle time for specimens larger than 75 ft^2 and with a width of more than 20 ft. and/or height of more than 8 ft.

Maximum allowable cycle time for specimens over 75 ft^2 = (area of specimen – 75) x (0.06) +3 seconds. Maximum allowable cycle time for this equation is not to exceed 10 seconds.